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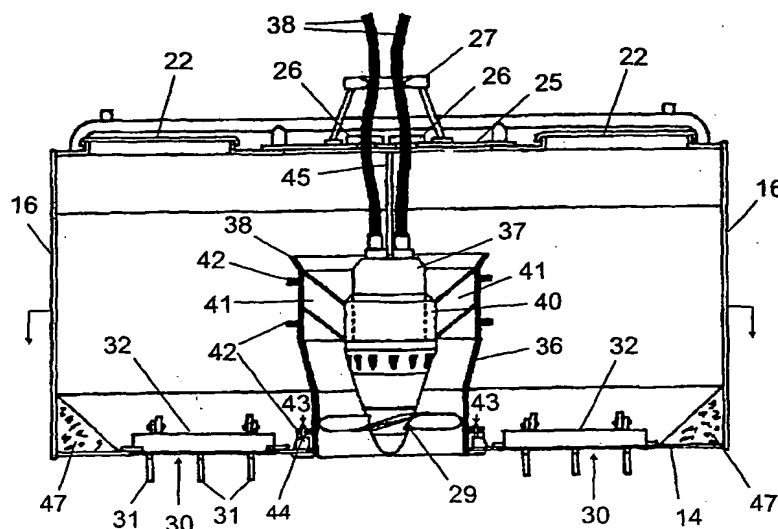
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(54) Title: UNDERWATER SEDIMENT MANAGEMENT



(57) Abstract: The present invention relates to underwater sediment management. In particular, we will describe dredging and scouring apparatus for removing sand, silt, clay and like materials from sea or river beds. There is described an apparatus comprising a body (10) having a bottom face (13, 14) and comprising an outlet flow path (28) in which is mounted propeller thrust means (29) to direct, in use, a swirling jet of water downwards towards an area of sea or river bed or the like, orientation means (48, 49) to connect said apparatus, in use, to a support means to orientate said apparatus with respect to the sea or river bed, and at least one inlet flow path (30) through which water is supplied, in use, to the propeller thrust means (29); characterised in that the inlet (30) and outlet (28) flow paths are provided with respective openings in the bottom face (13, 14) of the body. In the preferred embodiments, the inlet and outlet flow paths are parallel, but of opposite directions.

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